

# September-November Burns Harbor, Indiana Xact Report

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## INTERIM REPORT

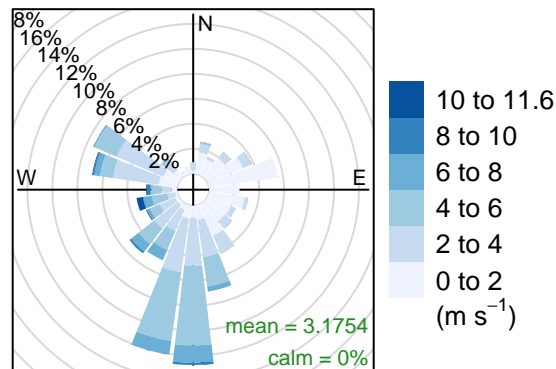
This report summarizes data collected by US EPA Region 5 between September 19, 2020 to November 29, 2020. Data in this report have been validated and reviewed by US EPA Region 5 staff and can be interpreted as shown. All data of hazardous air pollutants have been collected by a PM<sub>10</sub> inlet head.

**Note:** Data are subject to additional review at the conclusion of the monitoring campaign after all QA/QC data has been gathered. These data have been solely validated for the timeframe. A final report will be generated at the conclusion of the campaign.

## SUMMARY METAL HAPS STATISTICS

Pollutant	Average	99th Percentile	Max Rolling 24-hr Average	Max Rolling 14-Day Average	Max Rolling 30-Day Average
As	1.8	13.0	7.0	2.6	2.2
Cd	0.3	3.8	5.8	1.0	0.5
Cr	2.4	24.3	11.3	3.8	3.5
Mn	48.4	596.2	413.7	93.2	75.8
Ni	1.5	19.7	17.6	2.6	2.0
Pb	5.5	53.8	69.9	9.4	6.3

Table 1. Summary statistics of relevant hazardous air pollutants measured by the Xact during the timeframe. All concentrations are reported in  $\text{ng m}^{-3}$  and are of PM<sub>10</sub> size fraction.



## Frequency of counts by wind direction (%)

Figure 1. Wind rose of wind speeds and direction during the timeframe.

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